Previous References

1932
Jul)

Later References
ml 109-32-5
PH 11 33 & 20 22 23 25, 27

PRESERVED

General and Revenue Secretariat.

Serial Nos

Part B for December 1932

SUBJECT

Replacing the 50 H P motor on one of the Pumping units in the Filters at Mysore by a 65 H P Motor

4

To

Director of Health
Comptroller to Govt
Presidt Cnty Mcl at Mysore

Govt no L 4188-90 dated 17 12 1932

Sanctions an estimate for Rs 5510/- for

Purchase of a new 65 H.P. motor for the water supply Mysore filter station [App F III—2

General and Revenue Secretariat — File No 1a:709 of 1932

Serial No

From the Dy Chief Engr
No C. 164-13 of 1.11.32
Requests sanction to the purchase of a new 65 H.P. motor to replace the 50 H.P. motor in the Mysore Filter Station

Subd As this relates to the water supply to the Mysore city, the receipt may if approved be transferred to the L.S.G. Branch

All right
4.11.32

mr 55/ 5/11/32

The file relating to the improvement proposals to water supply to Mysore city (1882-1925) has been submitted for orders along with the file relating to the grant of loan to the Mysore City. Orders on that file may if approved be awarded.

Whether the replacement of the 50 H.P. motor in the Mysore Filter Station by a 65 H.P. is a question included in the estimate for improving the water supply has to be looked into after the file is received back.

Please get the file and note on this point

8/11/32

NOTE—Contn Sheet

WD 70—GBPM—60 000—13 9 31

Water Supply — Mysore City

File No 109 of 1932 — General and Revenue Secretariat

the question of replacing 50 HP motor in the Mysore Filter station by one of 65 HP as one spare to the improvement spare items referred to in the scheme for water supply to Mysore City, sent by Government Mysore City along with his letter dated 22/9/32 the estimate given amounts to Rs 1,11,220 The proposals sent by the Director of Health also amounts to Rs 1 lakh and the proposals have been submitted with the file for the grant of a loan to the Mysore City and the file is now before the Financial Secy

GENERAL SECRETARY 17 NOV 19 No

29/10 Abbey (Govt 1557, 1882 1933

9/11/32

The opinion of the Fin Secy regarding the loan asked for is awaited The Fin Secy has been reminded in the matter

Gen Secy 17/11

Put up with the file to the Fin Secy

17/11

The main file has been sent to the Dewan with the opinion of the Fin Secy.

26/11

(Gen Secy)

GENERAL SECRETARY 26 NOV 19 No

DEWAN 26 NOV 1932 3146

Rs 5270

The present estimate for 65 HP may perhaps be accepted in Secy case

Dewan

Fin Secy

26/11

27/11/32

L 2054

General and Revenue Secretariat — File No 109 of 1932 — [App F III—2

Serial No

Submitted with a draft G.O. for approval

28/11/32

The cost is to be shared by Govt. & the Mc in the proportion of 1 & 2 vide last para of the report accompanying the estimate

The purchase of the motor in question is one of the items included in the estimate of 3 lakhs and odd for urgent works to be carried out which is under consideration separately We Mc have proposed that the whole of the amount may be met by Govt, as it represents 1/3 of the whole estimate of 3 lakhs for the improvement works The orders passed in the Connecting file, which is before the Dewan, will cover this case also so far as the question of cost is concerned In this view, a para is added to the draft stating that separate orders will issue regarding the source from which the Govt share of the cost of the motor is to be met

The draft file may be sent to the Fin Secy for perusal before issue

(Fin Secy) 28/11

GENERAL SECRETARY 29 NOV 1932 No

Fin Secy
with the compts

4/12
28/11

H 1521 32 dy 30/11

This item forms part of the items comprising about a lakh of Rs 1 for water Supply improvements regarding which orders have been passed in the Separate file M 246 of 1931. According to those orders, the Govt contribution is the

Submitted to Dewan with a draft for the present

Note—Contn Sheet

WD 70—GBPM—60 000—13 8 3

Purpose etc: water supply improvements

L 2094

File No | of 193 | General and Revenue Secretariat

GENERAL SECRETARY
8 DEC 1932
No

Hd as having been already paid in laying the main to the Kanhwa Workshop and nothing more is therefore payable on this account by Govt. Further action is also dependent on the Municipality accepting the conditions under which the Govt is willing to sanction the several items and the loan required by the Municipality.

6/12

Fl 1527-32

Submitted for consideration if this may await the issue of final orders on the Mandate, or whether the Draft GO Sanctioning may issue without saying anything about the source by omitting para 2 of the draft order

(Secy)

I think the Mk Resdt may be informed & his position & told that, Govt have no objection to sanction the Estt proposed & the conditions noted by him are acceptable to the Mcty. D/L may be put up thereafter

Submitted with a draft

GENERAL SECRETARY
8 DEC
No

DYING SECT
9 DEC 193

L 10914

General and Revenue Secretariat | File No 109 of 1932 | [App F III—

Serial No

Submitted with a fair draft

GENERAL SECRETARY 12 DEC. 1932 No

12/12/32 (Secy) 12/12

Dewan

This is an urgent need — Owing to less motor capacity even the deep tubes pumps can not be fully worked Please Sanction the purchase of this motor Mr Ramdachan CES Water Supply told me that the Mty would bear this expenditure from its own funds Please send the order that as the work involved small the premises that the Mty will meet the cost from revenue funds

Rene 13/12/32

DRAINAGE AND SANITATION SECTION 15 DEC 1932 PUBLIC HEALTH & REV SECTT

Drafts go with the addition made as asked above Mg/Issue 14/12

Issued vide endorsement No 14/12 dated 17/12/32 to Director Health, copy to Surveyor as also copy of Sanctioned estimate for Rs 5519

By 14/12

Note—Contn Sheet

File No of 193

General and Revenue
Secretariat

GOVERNMENT OF MYSORE

DEPARTMENT OF HEALTH

J V KARVE MB ChB DPH
Director of Health

W C SWEET BSc MD CPH
Rockefeller Foundation
Consultant Health

Mel 109-32-2

Telephone N 340
Telegram HEALTH

C 164-130

Encl three

GENERAL SECRETARY'S OFFICE No 9111

GRACE VILLE PALACE ROAD

Bangalore (S India) dated November 1, 1932

FROM

J V KARVE ESQ MB, ChB (EDIN) DPH (LOND),
Director of Health with the Government of
His Highness the Maharaja of Mysore
Bangalore

To

R Ranga Rao, Esq, B.A, B L,
General Secretary to the Government of
H H the Maharaja of Mysore, Bangalore

Sir

Adverting to your D O Letter No G 1521 dated the 30th August 1932 with which was returned my letter No C 164-4 of the 11th August 1932 with three enclosures in respect of the replacement of the 50 H P motor in the Mysore Filter Station with one of 65 H P, I have the honour to state that in view of the urgency of installing this pump to obviate any break down, the Sanitary Engineer now recommends that the 65 H P motor should be ordered I therefore request that you will be so good as to obtain early sanction of Government to the purchase

I return herewith my original letter No C 164-4 of the 11th August 1932 along with the estimate and a report as well as the resolution of the Municipal Council

I have the honour to be

Sir,

Your most obedient servant

J V Karve

Director of Health

DEPARTMENT OF HEALTH

J V KARVE MB ChB DPH
Director of Health

Telephone N 340
Telegram HEALTH

W C SWEET BSc MD CPH
Rockefeller Foundation
Consultant in Health

GRACE VILLE PALACE ROAD
Bangalore (S India) dated 11th August 1932

Encl

FROM

J V KARVE Esq MB ChB (EDIN) DPH (LOND)
Director of Health with the Government of
His Highness the Maharaja of Mysore
Bangalore

GENERAL SECRETARY 11 AUG 1932

To

No

Ranga Rao, Esq B.A., B.L.,
General Secretary to the Government of
His Highness the Maharaja of Mysore
Bangalore

SIR

I have the honour to state that there are two pumps with motors in the Mysore Filter Station for pumping the water to the High Level Reservoir. One of these motors is 50 H.P. and the other 65 H.P. The former was erected in 1921 and it has been giving frequent trouble affecting Water Supply to the city. It is now proposed therefore to replace the 50 H.P. motor with one of 65 H.P., at an estimated cost of Rs. 5,510/-.

The Municipal Council, Mysore have sanctioned the estimate.

The 50 H.P. Motor replaced will be sent by and used elsewhere when a suitable opportunity occurs. It is understood that it cannot be fitted into the present Filter Plan after replacement.

I request you therefore to be so good as to obtain sanction of Government to the estimate.

I send enclosed the estimate with a report as well as the resolution of the Municipal Council in original.

I have the honour to be

Sir

Your most obedient servant

Director of Health

Proceedings of the 15th (Ordinary) meeting of the Mysore City Municipal Council held in the Council Chambers on Saturday the 25th June 1932 at 4 P M

Present

T G Ramaiyer, Esq , B A , President

1 Rao Sahib M Ramaswami, Esq , Vic -President
2 P Sitaramiah, Esq , B A ,B L ,
3 C Narasimhiah, Esq , B A ,B L ,
4 P S Ramaswamy Iyengar, Esq ,
5 C Doddajavarappa, Esq ,
6 K N Venkatakrishnah, Esq , B A ,
7 S Krishnaswami Rao, Esq , B A ,LL B ,
8 N P Rangadhamaiya, Esq ,
9 Rao Bahadur Dharmaprakasa D Banumiah, Esq ,
10 A R Srikanta Sarma, Esq ,
11 M K Madhava Rao Powar, Esq ,
12 Fida Hussain, Esq ,
13 Sister E Tomkinsson
14 A J Ram, Esq
15 P N Sangappa, Esq ,

Absent

1 M Rama Rao, Esq B A ,B L ,
2 M K Krishna Rao, Esq ,
3 T S Ali Khan, Esq ,
4 M Venkatakrishniah, Esq ,
5 A Krishna Rao, Esq , B A ,B L ,
6 H L Devaraj Urs, Esq ,
7 T Thammanna, Esq ,
8 H C Dasappa, Esq , B A ,LL B ,
9 W H Theobald, Esq ,
10 Hakim Mahamed Khasim Ansari Khaji, Esq ,
11 Mahamed Sait, Esq ,
12 K Dhanakoti Chetty, Esq ,
13 Y Virupakshiah, Esq ,
14 V T Armugum Modaliar, Esq ,

x x x

498 Letter No 572 dated 4th March 1932 from the Executive Engineer, Water Supply Division, Bangalore, forwarding an estimate for Rs 5,010/ for replacing the existing 50 H P G E motor in one of the pumping units of filters at Mysore, by a 60 H P G E motor

Also letter No 78 dated 10th May 1932 from the Executive Engineer, Bureau of Sanitary Engineering, regarding the motor proposed to be replaced

Resolution- Resolved that the estimate be sanctioned, the existing motor to be replaced being treated as a spare motor

x x x

Sd/-T G Rama Iyer,
President

Copy"

President

Report

The enclosed estimate provides for replacing the 50 H P G E Motor coupled on to Worthington-Simpson, single stage medium lift centrifugal purp which formed one of the purping units at the Filters for purping filtered water to the H I by a 65 H P , D I H Motor exactly similar to one fitted on the second pumping unit which is also serving the same purpos

From the available records it is found that this pumping unit with 50 H P Motor was erected in 1921 and it is reporte that this unit began to give trouble on account of the motor getting over heated from the moment it was installed Later on after all attempts at getting rid of this heating trouble were found to be a failure, in 1926 it was found that the trouble was due to continuous overload on the motor and the impeller was turned down at the circumference so as to give reduced discharge

This modification has only reduced the overheating but has not entirely removed it It has been observed that as t motor is compelled to run continuously throughout 24 hours without rest, it gets overheated and we have to make special arrangements for circulating air to keep down the heating -- effect But this cannot go on indefinitely Further since the vanes of the impeller have been reduced, the discharge fr this pump is only 75% of what it should be at this moment, when the demand for H I Supply is so great

The second pumping unit which is working by its side ha got a 65 H P , D I H Motor and this has been running very - satisfactorily, without any trouble whatever The increased of the 50 H P Motor seems to have been found out long a o and the second pumping unit seems to have been therefore co

coupled to a 50 H P Motor The pumps of the two units identically the same, but the motors are different

Since it is found that the 50 H P Motor is incapable of drawing the pump at its full load conditions, it is now proposed to replace it by a 65 H P , L T M Motor similar to the one already working in the Filters

By doing so we shall have two pumps and two motors which are identical in every respect and it will enable us to carry with us always only one set of spares common to both instead of two sets of different sizes as at present, thereby reducing the cost of maintenance

The existing bed frame on which the 50 H P Motor and Pump are fixed, ~~and~~ are found to be different from the frame of the 65 H P set Therefore it is proposed to provide a separate cast iron bed frame similar to that of the existing 65 H P Unit for which necessary provision has been made

Other provisions are for wiring the new motor and fixing up oil switch compensator etc Provision has also been made for Railway freight, cart hire, contingencies etc , as usual The price of the motor with oil switch and compensator, has been fixed at Rs 4 000/- after consultation with the Superintendent, - Mysore Power and Lighting

The cost has to be borne by the Government and municipality in the proportion of 1 :

Sd/- V Ramaswami,
Superintendent,
MYSORE CITY WATER SUPPLY & DRAINAGE - MYSORE

" Copy "

Executive Engineer,
WATER SUPPLY DIVISION

10 10 11

Water Supply Dept.

Estimate of the probable cost of replacing existing 50 H.P. G & Motor in one of the pumping units Filters by a 65 H P BTH Motor. —

Description	Amount
One induction Motor type IXT-84 Form K post Volts 2200 cycles 25 No. of phases 3, H P 65, Amp 15-8, Speed 1460, Cont Rating B 11147, The British Thomson Houston & Co Ltd Rugby, England, and one oil switch and Compensator for the same —	4000
One Cast iron bed frame for fixing the above Motor and the existing pump — —	500
Wiring of the new Motor and fixing up oil switch and Compensator —	200
Altering the existing foundation to suit the new bed frame, and erecting the existing pump and new Motor on the new bed frame, with Alteration of pipes and Connections —	400
Railway, freight and Cartage etc —	150
Total Rs	5250
Contingencies @ 5%	260
Grand Total Rs	5510

Examined

31

Recommended

Executive Engineer

Addl Municipal Engineer Water Supply Division

Diary No of letter replied to L 4188

Section Mil

File No 109-32

Serial No 4

General and Revenue Secretariat

(Mil)

the 193

Proceedings of the Government of His Highness the Maharaja of Mysore

Date of issue 17/12/ 1932

Signed by Mr A S Rao

May this be—

(i) printed ?

(ii) treated as a standing order ?

(iii) published in the Gazette English I art ?

(iv) translated ?

(v) placed at the disposal of the press ?

(vi) published in the Gazette Kannada Part ?

Read— correspondence ending with letter No C1164/13 dated 1st Nov 1932, from the Director of Stations in Mysore, forwarding the resolution of the Mysore city civil affairs of an estimate for Rs 5,510/- for replacing the existing 50 Horse power G E motor in one of the pumping units of filters at Mysore by a 65 Horse power B T H motor and requesting sanction to the purchase of the latter

Order L 4188-9

Sanctioned

The amount involved is small & is presumed that Board will meet the cost from revenue funds

14/12

for Secretary

List of Enclosure

Copied by

Examined by

WD 73—GBPM—20 000—10 8 31

Extra

57

Proceedings of the Government of His Highness the Maharaja of Mysore

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Read -

Correspondence ending with letter No C 164/13 dated the 1st November 1932 from the Director of Health in Mysore forwarding the resolution of the Mysore City Municipal Council, approving of an estimate for Rs 5,310/- for replacing the existing 50 Horse-power G E Motor in one of the pumping units of filters at Mysore by a 65 Horse power B T H Motor and requesting sanction to the purchase of the latter

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Order No L 4188-90/mul 109-32-4

Dated, Bangalore the 15th/17 December 1932

S a n c t i o n e d

2 The amount involved being small, it is presumed that the Municipal Council will meet the cost ~~of the pump~~ from its revenue funds

Asuvaraj
for General Secretary to Government

To

The Director of Health in Mysore
The Comptroller to Government of Mysore
The President City Municipal Council, Mysore